

EMERGENCY RESPONSE REPORT
FOR
SALT CREEK OIL SPILL
TRIBUTARY OF LAKE TEXOMA
MARIETTA, LOVE COUNTY, OKLAHOMA

Prepared for

U.S. Environmental Protection Agency Region 6

Linda Carter, Project Officer
1445 Ross Avenue
Dallas, Texas 75202

Contract No. 68-W-01-005
TDD No. 06-03-01-0001
WESTON W.O. No. 12632.001.040.0344.01
NRC No. 633097
CERCLIS No. N/A
FPN E036Z2
EPA OSC John Martin
START-2 FTL Danette Miller

Submitted by

Weston Solutions, Inc.
Robert Beck, P.E., Program Manager
70 NE Loop 410, Suite 460
San Antonio, Texas 78216
(210) 308-4300

9 May 2003



PROJECT SUMMARY

This final report describes the U.S. Environmental Protection Agency (EPA) response actions at the Salt Creek Oil Spill. The site is located at a tributary of Lake Texoma in Marietta, Love County, Oklahoma. The detailed report and all attachments follow this page. Digital photographs depicting the site and site activities are provided in a separate file. On 31 December 2002, Gary Haynes with ChevronTexaco Corporation (ChevronTexaco) notified the National Response Center (NRC No. 633097), and the NRC notified the EPA Region 6 Response and Prevention Branch (EPA-RPB) of a 300-barrel oil spill from a tank battery. The oil flowed downgradient (east) across approximately 30 yards of soil before reaching Salt Creek. The oil then flowed downstream for approximately 4 miles within Salt Creek. The Superfund Technical Assessment and Response Team (START-2) was activated by the EPA-RPB to respond to the site and to initiate all relevant response activities. START-2 members Danette Miller and Heth Parnell arrived on-site 31 December 2002. EPA On-scene Coordinators (OSC) John Martin and Amy White arrived on-site 1 January 2003. The EPA START-2 tasks included responding to the spill incident; defining the cause, nature, and extent of contamination; and providing written and photographic documentation of response activities. Response activities conducted by ChevronTexaco, the potentially responsible party (PRP), and by their contractor, Hulls Environmental of Wilson, Oklahoma, resulted in the recovery of approximately 30 to 45 barrels of oil. The remaining oil is being bioremediated on-site under the direction of the Oklahoma Corporation Commission (OCC). After observing cleanup activities by the PRP and PRP-led contractor, EPA OSC John Martin released START-2 from the site on 1 January 2003.

Weston Solutions, Inc. under Contract No. 68-W-01-005 prepared this final report for EPA Region 6. The EPA On-scene Coordinator is John Martin, and the Superfund Technical Assessment and Response Team (START-2) Field Team Leader is Danette Miller.

X

The EPA Task Monitor did not provide final approval of this report prior to the completion date of the work assignment. Therefore, Weston Solutions, Inc. has submitted this report absent the Task Monitor's approval.



The EPA Task Monitor has provided final approval of this report. Therefore, Weston Solutions, Inc. has submitted this report with the Task Monitor's approval.

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EMERGENCY RESPONSE REPORT

PROJECT SUMMARY

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1. PROJECT IDENTIFICATION

Date: 9 May 2003

To: John Martin, On-scene Coordinator (OSC)
U.S. Environmental Protection Agency (EPA)
Region 6, Response and Prevention Branch

Through: Linda Carter, Project Officer (PO)
EPA Region 6, Program Management Branch

Through: Robert Beck, P.E., Weston Solutions, Inc. (WESTON_{SM})
EPA Region 6, Superfund Technical Assessment and Response Team (START-2)
Program Manager

From: Danette Miller, WESTON
EPA Region 6, START-2 Field Team Leader

Subject: Emergency Response: Salt Creek Oil Spill
Marietta, Love County, Oklahoma
TDD. No. 06-03-01-0001
W.O. No. 12632.001.040.0344.01
NRC No. 633097
FPN – E036Z2
CERCLIS ID – N/A
Latitude 33.95264° North
Longitude 97.0245° West

Geographic coordinates of the tank battery were determined by START-2 members using the hand-held Global Positioning System (GPS) based on the North American datum-83 with accuracy estimated at +/- 14 feet circular probable error.

2. INTRODUCTION

On 31 December 2002, Gary Haynes with ChevronTexaco Corporation (ChevronTexaco), the potentially responsible party (PRP), notified the National Response Center (NRC No. 633097) of a 300-barrel oil spill from a tank battery, and the NRC notified the EPA Region 6 Response and Prevention Branch (EPA-RPB). The oil spilled into nearby Salt Creek, a tributary of Lake Texoma. At 1900 hours, the EPA-RPB notified WESTON, the Region 6 START-2, to perform a response investigation and to initiate all relevant response activities. According to Mr. Haynes, vandals caused the spill. An investigation is pending.

THIS DOCUMENT WAS PREPARED BY WESTON SOLUTIONS, INC EXPRESSLY FOR EPA IT SHALL NOT BE RELEASED OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE EXPRESS, WRITTEN PERMISSION OF EPA

3. BACKGROUND

The incident site is located near a tributary to Lake Texoma approximately 5 miles east of Marietta, Love County, Oklahoma. The incident location is in a rural area used primarily for oil and gas production and for agriculture. According to Mr. Haynes, the ChevronTexaco environmental representative, on the evening of 30 December 2002, the spill occurred when vandals opened the valve on the load-out line located outside of the secondary containment of a production tank battery. The oil flowed downgradient (east) across approximately 30 yards of soil before reaching Salt Creek. The oil then flowed downstream for approximately 4 miles within Salt Creek. Salt Creek flows into Hickory Creek, which flows into Lake Texoma. Mr. Haynes also stated that it rained approximately 2 inches earlier that same day.

4. ACTIONS TAKEN

On 31 December 2002, START-2 members Danette Miller and Heth Parnell mobilized to the incident site to perform a site investigation. START-2 members observed approximately 20 cleanup personnel from the PRP contractor, Hulls Environmental from Wilson, Oklahoma; several boats; and a vacuum truck situated on-site. START-2 met with Gary Haynes. Mr. Haynes stated that deflative boom was placed in two locations prior to the confluence of Salt Creek and Hickory Creek and that the spill was contained within Salt Creek. Mr. Haynes also stated that at dawn they would begin searching for access locations along the creek to begin remediation efforts.

On 1 January 2003, START-2 observed cleanup personnel staging absorbent booms and utilizing a vacuum truck to recover product from the creek. They also placed absorbent pads on the contaminated soil near the tank battery. START-2 observed one deflative boom approximately 200 yards downgradient of the spill location where a vacuum truck was being utilized to recover the contained oil and two deflative booms approximately 4.5 creek miles from the spill origination point. The PRP reported that the oil did not migrate past the final boom location. START-2 did not observe oil downstream from the final boom location. After EPA OSC Martin viewed the cleanup activities and determined them satisfactory, START-2 members were released from the site.

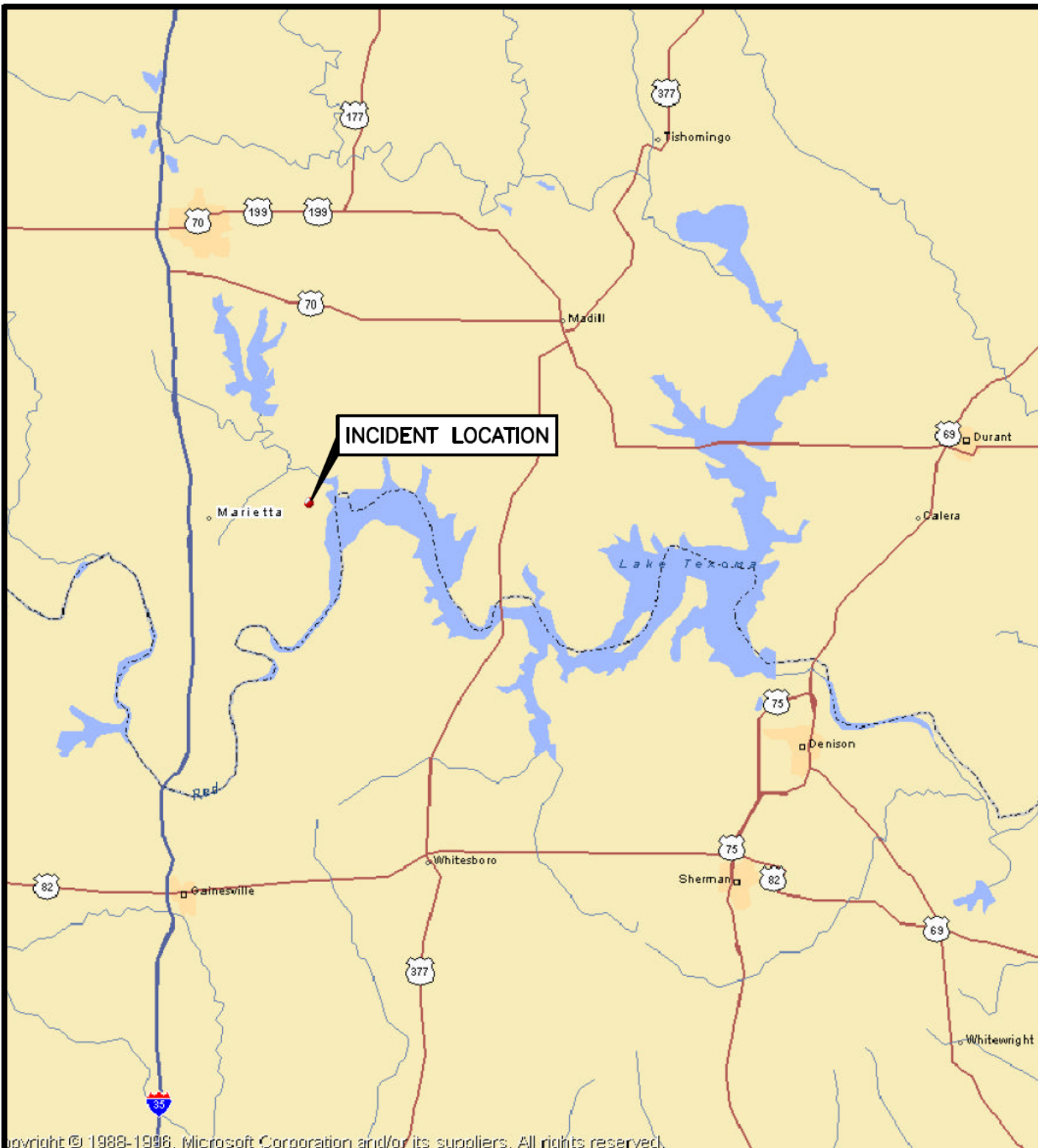
On 13 January 2003, START-2 contacted Mr. Haynes for a followup briefing. Mr. Haynes stated the PRP-led contractor was in the process of washing the creek and collecting the pooled oil at designated collection locations with vacuum trucks. The contaminated soil was collected and then spread over nearby rural roads under the direction of the Oklahoma Corporation Commission (OCC). Gary Haynes stated they had collected approximately 30 to 45 barrels. He estimated a total of 50 to 60 barrels of crude oil spilled from the tank battery. After washing the creek, the PRP is planning to use peat moss to absorb the remaining small amounts of oil. The peat moss will be removed from the creek at the end of the remediation process. Gary Haynes will coordinate with START-2 until the remediation effort is completed.

5. LIST OF ATTACHMENTS

- A. Site Area Map
- B. Site Location Map
- C. Photographs
- D. Copy of NRC Report No. 633097
- E. Copy of POLREP
- F. Copy of Logbook
- G. Copy of TDD No. 06-03-01-0001 and Amendment A

Attachment A

Site Area Map



**US EPA REGION 6
START-2**

**ATTACHMENT A
SITE AREA MAP
SALT CREEK
OIL SPILL**

MARIETTA, LOVE COUNTY, OKLAHOMA

NRC: N0633097/FPN NO: E036Z2
TDD No.: 06-03-01-0001

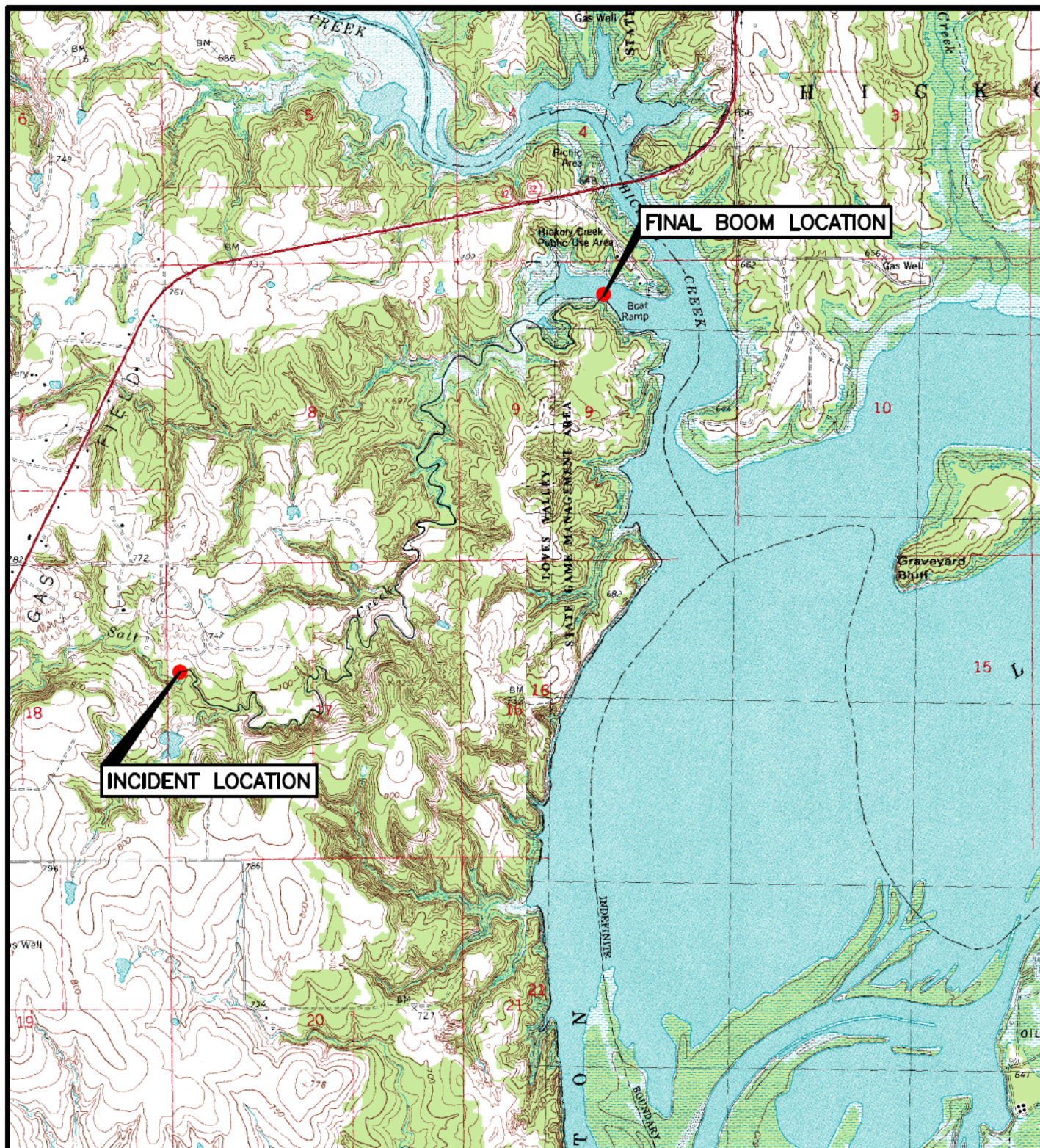
DATE:
01-15-03

W.O. #
12632.001.040.0344

SCALE:
NOT TO SCALE

Attachment B
Site Location Map

H:\DWG\START EPA\SALT CREEK OIL SPILL 3622\0114031658.SS 01-15-03



**US EPA REGION 6
START-2**

**ATTACHMENT B
SITE LOCATION MAP
SALT CREEK
OIL SPILL**

MARIETTA, LOVE COUNTY, OKLAHOMA

DATE:

01-15-03

W.O. #

12632.001.040.0344

SCALE:

1" = 2500'

SOURCE: USGS 7.5 MINUTE SERIES TOPOGRAPHIC,
LEBANON AND MARIETTA EAST, OKLAHOMA.
NRC: N0633097/FPN NO: E03622
TDD No.: 06-03-01-0001

#####START OF SITE#####

01)Salt Creek Oil Spill

02)E036Z2

03)Tributary of Lake Texoma: Marietta, Love County, O

04)06-03-01-0001

05)633097

#####END OF SITE#####

#####START OF RECORD#####

01)01/01/2003

02)Contractor's boats and final boom location on Salt Creek.

03)photo101.JPG

04)SW

05)W:\Team Links\REVIEW\Salt Creek oil spill\Photos\100MSDCF\photo101.JPG

06)0912

07)Heth

08)Parnell

09)Danette

10)Miller

11)1

12)1

#####END OF RECORD#####

#####START OF RECORD#####

01)01/01/2003

02)Clean up contractor's boats on Salt Creek.

03)Photo102.JPG

04)SW

05)W:\Team Links\REVIEW\Salt Creek oil spill\Photos\100MSDCF\Photo102.JPG

06)0912

07)Heth

08)Parnell

09)Danette

10)Miller

11)1

12)2

#####END OF RECORD#####

#####START OF RECORD#####

01)01/01/2003

02)Final 2 boom locations on Salt Creek

03)Photo103.JPG

04)SW

05)W:\Team Links\REVIEW\Salt Creek oil spill\Photos\100MSDCF\Photo103.JPG

06)0913

07)Heth

08)Parnell

09)Danette

10)Miller

11)1

12)3

#####END OF RECORD#####

#####START OF RECORD#####

01)01/01/2003

02)Final 2 boom locations on Salt Creek

03)Photo104.JPG

04)SW
05)W:\Team Links\REVIEW\Salt Creek oil spill\Photos\100MSDCF\Photo104.JPG
06)0913
07)Heth
08)Parnell
09)Danette
10)Miller
11)1
12)4
#####END OF RECORD#####

#####START OF RECORD#####
01)01/01/2003
02)Oil in Salt Creek
03)Photo105.JPG
04)N
05)W:\Team Links\REVIEW\Salt Creek oil spill\Photos\100MSDCF\Photo105.JPG
06)1109
07)Heth
08)Parnell
09)Danette
10)Miller
11)1
12)5
#####END OF RECORD#####

#####START OF RECORD#####
01)01/01/2003
02)Boat used to place boom on creek
03)Photo106.JPG
04)SE
05)W:\Team Links\REVIEW\Salt Creek oil spill\Photos\100MSDCF\Photo106.JPG
06)1407
07)Heth
08)Parnell
09)Danette
10)Miller
11)1
12)6
#####END OF RECORD#####

#####START OF RECORD#####
01)01/01/2003
02)Final boom location with clean up contractor on Salt Creek
03)Photo107.JPG
04)SW
05)W:\Team Links\REVIEW\Salt Creek oil spill\Photos\100MSDCF\Photo107.JPG
06)1409
07)Heth
08)Parnell
09)Danette
10)Miller
11)1
12)7
#####END OF RECORD#####

#####START OF RECORD#####

01)01/01/2003
02)Clean up contractor at final boom location on Salt Creek
03)Photo108.JPG
04)SW
05)W:\Team Links\REVIEW\Salt Creek oil spill\Photos\100MSDCF\Photo108.JPG
06)1409
07)Heth
08)Parnell
09)Danette
10)Miller
11)1
12)8
#####END OF RECORD#####

#####START OF RECORD#####
01)01/01/2003
02)Stock pile of absorbent boom
03)Photo109.JPG
04)SW
05)W:\Team Links\REVIEW\Salt Creek oil spill\Photos\100MSDCF\Photo109.JPG
06)1440
07)Heth
08)Parnell
09)Danette
10)Miller
11)1
12)9
#####END OF RECORD#####

#####START OF RECORD#####
01)01/01/2003
02)Final boom location on Salt Creek
03)Photo110.JPG
04)S
05)W:\Team Links\REVIEW\Salt Creek oil spill\Photos\100MSDCF\Photo110.JPG
06)1451
07)Heth
08)Parnell
09)Danette
10)Miller
11)1
12)10
#####END OF RECORD#####

#####START OF RECORD#####
01)01/01/2003
02)Second to last boom location on Salt Creek
03)Photo111.JPG
04)SW
05)W:\Team Links\REVIEW\Salt Creek oil spill\Photos\100MSDCF\Photo111.JPG
06)1451
07)Heth
08)Parnell
09)Danette
10)Miller
11)1
12)11

#####END OF RECORD#####

#####START OF RECORD#####

01)01/01/2003
02)Close-up of boom location on Salt Creek
03)Photo112.JPG
04)S
05)W:\Team Links\REVIEW\Salt Creek oil spill\Photos\100MSDCF\Photo112.JPG
06)1454
07)Heth
08)Parnell
09)Danette
10)Miller
11)1
12)12

#####END OF RECORD#####

#####START OF RECORD#####

01)01/01/2003
02)Tank battery with lease name--incident location
03)Photo113.JPG
04)SE
05)W:\Team Links\REVIEW\Salt Creek oil spill\Photos\100MSDCF\Photo113.JPG
06)1534
07)Heth
08)Parnell
09)Danette
10)Miller
11)1
12)13

#####END OF RECORD#####

#####START OF RECORD#####

01)01/01/2003
02)Tank battery--incident location
03)Photo114.JPG
04)S
05)W:\Team Links\REVIEW\Salt Creek oil spill\Photos\100MSDCF\Photo114.JPG
06)1534
07)Heth
08)Parnell
09)Danette
10)Miller
11)1
12)14

#####END OF RECORD#####

#####START OF RECORD#####

01)01/01/2003
02)Incident location at tank battery: point where oil spilled from the tank battery and spill pathway.
03)Photo115.JPG
04)E
05)W:\Team Links\REVIEW\Salt Creek oil spill\Photos\100MSDCF\Photo115.JPG
06)1535
07)Heth
08)Parnell

09)Danette
10)Miller
11)1
12)15
#####END OF RECORD#####



1 9:12 AM





1 9:13 AM





1 11:09 AM



1 2:07 PM



1 2:09 PM



1 2:09 PM



1 2:40 PM



1 2:51 PM



1 2:51 PM



1 2:54 PM



(405) 444-3363

Chevron
U.S.A. Inc.

EXPLORATION AND
PRODUCTION INC.

(580) 444-3363

LITTLE CONSOLIDATED
TANK BATTERY  SEC. 18 7S 3E

1 3:34 PM



CONNECT TO
LINE HERE
WARNING
CONNECT TO VEHICLE
BEFORE LOADING

U-D-S
1906
38814
313746

U-D-S
1906
6160
313746

U-D
191
616
3137

43001

1 3:34 PM



CONNECT LOAD
LINE HERE
WARNING
CONNECT BOND
CABLE TO VEHICLE
BEFORE LOADING

1 3:35 PM

Attachment D

Copy of NRC Report No. 633097

NATIONAL RESPONSE CENTER - FLASH FAX
GOVERNMENT USE ONLYGOVERNMENT USE ONLY***
DO NOT RELEASE this information to the public without
permission from the NATIONAL RESPONSE CENTER 1-800-424-8802

Incident Report # 633097

INCIDENT DESCRIPTION

*Report taken by: FLACH at 18:44 on 31-DEC-02
Incident Type: STORAGE TANK
Incident Cause: CRIMINAL INTENT
Affected Area: SALT CREEK
The incident was discovered on 31-DEC-02 at 12:00 local time.
Affected Medium: WATER SALT CREEK

REPORTING PARTY

Name: GARY HAYNES
Organization: CHEVRON TEXXCO
Address: PO BOX 277
THELMA, OK
CHEVRON TEXXCO called for the responsible party.
PRIMARY Phone: (580)4443225
Type of Organization: PRIVATE ENTERPRISE

SUSPECTED RESPONSIBLE PARTY

Name: GARY HAYNES
Organization: CHEVRON TEXXCO
Address: PO BOX 277
THELMA, OK
PRIMARY Phone: (580)4443225
Type of Organization: PRIVATE ENTERPRISE

INCIDENT LOCATION

County: LOVE
City: MARRIETTA State: OK
Section: NE18 Township: 7S Range: 3E
5 MILES EAST OF MARRIETTA ON HIGHWAY 32.

RELEASED MATERIAL(S)

CHRIS Code: OIL Official Material Name: OIL: CRUDE
Also Known As:
Qty Released: 300 BARREL(S) Qty in Water: 0 UNKNOWN AMOUNT

DESCRIPTION OF INCIDENT

VANDELS CAUSED THE DISCHARGE OF MATERIALS FROM STORAGE TANKS.

INCIDENT DETAILS

Description of Tank: PRODUCED CRUDE OIL TANKS
Tank Above/Below Ground: ABOVE
Transportable Container: UNKNOWN
Tank Regulated: UNKNOWN
Tank Regulated By:
Tank ID:
Capacity of Tank:
Actual Amount:
---WATER INFORMATION---
Body of Water: SALT CREEK
Tributary of: HICKORY CREEK
Nearest River Mile Marker:
Water Supply Contaminated: NO

DAMAGES

Fire Involved: NO Fire Extinguished: UNKNOWN
INJURIES: Hospitalized: Empl/Crew: Passenger:

FATALITIES: Empl/Crew: Passenger: Occupant:
EVACUATIONS: Who Evacuated: Radius/Area:
Damages:

Closure Type	Description of Closure	Hours Closed	Direction of Closure
Air:	N		
Road:	N		Major

N

Artery:
Waterway: N

Track: N

Media Interest: NONE Community Impact due to Material: NO

REMEDIAL ACTIONS

BOOMS APPLIED,VAC TRUCK USED,CLEAN UP UNDERWAY
Release Secured: YES
Release Rate:
Estimated Release Duration:

WEATHER

ADDITIONAL AGENCIES NOTIFIED

Federal:
State/Local: OK DEQ
State/Local On Scene:
State Agency Number:

NOTIFICATIONS BY NRC

EPA OFFICE OF EMERG RESPONSE (OERR)	(703) 9675012
U.S. EPA VI	(214) 6656428
FEDERAL EMERGENCY MANAGEMENT AGENC	(800) 6347084
GULF STRIKE TEAM	(251) 4416601
MAIL EPA R6 ATTN: KENNETH CLARK	(214) 6656493
31-DEC-02 18:52	(206) 5266344
NOAA 1ST CLASS BB RPTS FOR OK	(202) 2672100
31-DEC-02 18:52	(918) 4585496
NATIONAL RESPONSE CENTER HQ	(405) 7026206
31-DEC-02 18:52	(512) 3392929
OFC OF ENV SVC CHEROKEE NATIONS OK	
31-DEC-02 18:52	
DEQ OKLAHOMA	
31-DEC-02 18:52	
TCEQ	
31-DEC-02 18:52	

ADDITIONAL INFORMATION

NO ADDITIONAL INFORMATION.

*** END INCIDENT REPORT 633097 ***

Report any problems or Fax number changes by calling 1-800-424-8802
PLEASE VISIT OUR WEB SITE AT <http://www.nrc.uscg.mil>

Attachment E
Copy of POLREP

Date: January 2, 2003
Subject: Salt Creek Oil Spill; Marietta, Love County, Oklahoma
From: John Martin, OSC, U.S. EPA, Region 6 214-789-1994
To: Director, OERR
Charles A. Gazda, RPB, EPA Region 6
Director, Oklahoma Corporation Commission

POLREP No.: 1 and Final

Event: Oil Spill Response Site ID Nos.: FPN E036Z2, NRC #633097
Start Date: December 31, 2002 Demobilization Date: January 1, 2003
Completion Date: N/A
Site Type: Crude oil spill from production tank battery
Site Latitude/Longitude: 33.95264 deg N /-97.0245 deg W

I. SITUATION

The site is located east of the intersection of Salt Creek Road and State Highway 32, near Marietta, Love County, Oklahoma, in a rural area used primarily for oil and gas production and livestock. The spill originated from an open valve on the load-out line located outside of the secondary containment of a production tank battery. The tank battery is operated by Chevron-Texaco, the potentially responsible party (PRP). According to the PRP, an estimated 300 barrels of crude oil was released from the load-out line. The oil flowed down gradient (east) into Salt Creek, impacting approximately 30 yards of soil and approximately 3 miles of Salt Creek. Salt creek flows into Hickory Creek which flows into Lake Texoma. A private citizen reported the spill to the Oklahoma Corporation Commission (OCC). OCC contacted the PRP who discovered the source of the spill the afternoon of December 31.

II. ACTIONS TAKEN

On December 31, 2002 at 1844 hours, the PRP reported the release to the National Response Center. At 1930 hours, EPA representatives were mobilized to the scene to perform contractor monitoring of response activities. EPA representatives observed approximately 20 clean-up personnel on site. Clean-up personnel were observed utilizing a vacuum truck to recover the oil/water mixture from the creek and placing absorbent and reflective booms at different locations on Salt Creek. The PRP's remediation contractor Hulls Environmental from Wilson, Oklahoma utilized boats to place two sections of hard boom and one section of absorbent boom at a location prior to the confluence of Salt creek and Hickory Creek. The PRP reported that the oil did not migrate past this boom location and that only small amounts of sheen were observed upstream for approximately one mile. Beyond this Salt creek is very narrow and heavily vegetated prohibiting boat traffic. And they placed boom approximately 200 yards down gradient of the spill location where a vacuum truck was utilized to recover the contained oil. Also, they placed absorbent pads on the stained soils near the tank battery. EPA representatives did not observe oil downstream from the final boom location. The final boom location is approximately 4.5 creek miles from the spill origination point.

The morning of January 1, 2003, OSCs Martin and A. White visited the spill site. After being briefed on the current situation by the START members and the PRP's representatives, they transversed the meandering creek immediately down gradient from the source of the release. They observed several pockets of small volumes of trapped oil. Throughout the creek bed there was a light "bathtub" ring a couple of feet above the current water surface. A local rancher informed them that the properties adjacent to the creek were largely private and he knew of several access roads. After meeting with the PRP representatives again, the OSCs returned to Dallas. The PRP's command post was being positioned near the final boom location with an access area where the response boats could be staged inside the boomed area. The PRP also set up a scare gun that sounded randomly to deter waterfowl and other wildlife from the oil-impacted waterway.

III. FUTURE PLANS

The PRP will utilize freshwater stream-flushing and will continue to recover product using vacuum trucks and absorbent material. The affected soils will be remediated on-site under the guidance of OCC. Collected contaminated debris will be staged on site, pending proper disposal. EPA will continue communication with local landowners and federal, state, and PRP officials to insure proper clean up.

IV. KEY ISSUES

It is believed that the release may have occurred the afternoon of December 30, 2002. All the tank battery's valves were found opened. That evening, the area received approximately 2 inches of rain.

The Sheriff's department is currently investigating the possibility of vandalism as the cause of the spill.

V. ATTACHMENTS

Photographs are in .JPG format.

Photo115.jpg - Spill location and pathway

Photo113.jpg - Tank battery

Photo104.jpg - Final boom location on Salt Creek

Salt Creek Map - topo map

Attachment F

Copy of Logbook

"Rite in the Rain"
ALL-WEATHER WRITING PAPER



HORIZONTAL LINE

All-Weather Notebook

No. 391

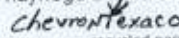
Salt Creek Oil Spill
NRC 633097
FPN E03622

4 5/8" x 7" - 48 Numbered Pages



Texaco North America
Production

PO Box 277
Velma OK 73491
Office 580 444 8270 3725
Fax 580 444 3790
Cell 580 467 0207
E-mail: haynegd@juno.com



recycled paper

name

Mike Kreiger
Workover Supervisor
MidContinent SBU

North America Upstream
3/4 mi West & 1 mi North of
Velma, OK 73491
Tel 580 444 3226
Fax 580 444 3790
Mobile 580 465 2339
kreigmd@chevrontexaco.com

INCHES

Clear Vinyl Protective Slipcovers (Item No. 30) are available for this style of notebook. Helps protect your notebook from wear & tear. Contact your dealer or the J. L. Darling Corporation.

12/31/02

06-03-01-0001

1900 hrs OSC John Martin tasked START-2 Parnell and Miller to respond to a estimated 300 bbl oil spill in Marietta Oklahoma. Gary Haynes (580-467-0207) reported the spill at approx. 1200hrs today. He reported that vandals caused the Chevron-Texaco tank battery to spill the oil. FPNED 3672. The oil has spilled into Salt Creek and threatens Hickory Creek and Lake Texoma. DM

2015 hrs START-2 mobilized to the site. DM

2030 hrs START-2 contacted Mike Kregar (580-465-2339). He is on site and stated vandals opened the valves on the transfer lines outside the firewall. He stated oil is in Salt Creek but has not reached Hickory Creek. Boom has been placed in Salt Creek and Hickory Creek. DM

2050 hrs START-2 Miller and Parnell conducted Site Safety Meeting.

Objectives: Written and Photo documentation and Coordination with PRP, State, and local officials. DM

Hazards - Slip/Trip/Fall, heavy equipment, after daylight, flammable product, rough terrain, rural area. DM

12/31/02

06-03-01-0001

Level of Protection - Level D. DM

Weather - night: 30's; day mid-upper 40's.

light and variable winds, partly cloudy. DM

Entrance/Egress: Buddy system, radios, phones

Hospital: See maps in Health + Safety Plan. DM

FTL: Danette Miller DM

SSO: Heth Parnell DM

2230 START-2 arrived on site. START-2 observed approx 20 workers. Huls Environmental from Wilson, OK is the ~~soil~~ cleanup contractor. START-2 spoke with Mike Kregar. He stated 340 bbls spilled from the tank battery. Workers placed boom in Salt Creek and placed a vac truck on the creek. Workers also placed boom where Salt Creek runs into Hickory Creek. Hickory Creek is large - used boats. Workers will place boom in between the two boom locations to help prevent migration. Workers will search for more access points to the creeks in daylight. DM

2345 START-2 spoke with OSC Martin.

He stated he will be on site in the morning.

2420 START-2 departed site for hotel. DM

01/01/03

06-03-01-0001

0700hrs START-2 met for departure and

Site Safety MeetingObjectives - Photo/written documentation and coordination with state/local officialsLevel of Protection - Level DHazards - slip/trip/fall, heavy equipment, cold weather, rough terrain, remote area,Slammable productWeather - morning: upper 20's, afternoon: mid 40's, clear skies, light + variable windsEnhance/Eyes - buddy system, radios, phonesHospital location - see HADP

FTL: Danette Miller

SSO: Keith Parnell

0740hrs START-2 arrived on site. START-2 spoke with Gary Haynes the environmental rep for Chevron-Texaco. A total of 3 boom were placed on the Salt Creek. No oil has been observed past the 2nd boom.

0845hrs OSC Martin + OSC Amy White arrived on site. START-2 + OSCs decided to walk Salt Creek.

GPS #57 → oil pocket, nearest access 100 yds N.

#59 → paved road crosses creek (low water)

#60 → oil pocket

01/01/03

06-03-01-0001

#61 → small oil pocket

#62 - small oil pocket

#63 - heavy sheen at bend

#64 - small pocket oil

#65 - large oil pocket

#66 - small pocket, house located N of this location

START-2 walked along part of Salt Creek and observed some oil pockets in different places.

1130 START-2 and OSCs finished walking along the creek.

1200 START-2 and OSCs met with Mike Kreger and Gary Haynes (580-444-3225). Gary Haynes is Chevron-Texaco's environmental rep. Haynes stated the night the incident occurred it rained an est 2 in. Approx. 20 workers were on site. Workers were using a vac truck to remove product in front of the first reflective boom location. OSC Martin suggest getting more than 1 vac truck and begin using them in locations with large pockets of oil. Workers used boats to travel upstream to view the situation. The boats were able to travel approx 1 mile upstream. They began seeing pockets of oil at this location. Further

01/01/03

06-03-01-0001

downstream they had only seen a light sheen in different locations. DM

1300hrs START-2 walked to final boom location and boom location just upstream from the final boom. START-2 did not observe oil past the boom upstream from the final boom location. DM

1430hrs EPA OSCs departed site. DM

1445hrs START-2 spoke with Haynes. He stated tomorrow they will stage their boats upstream from the final 2 boom locations so not to contaminate downstream of the final boom.

Workers tomorrow will begin to cut away debris to get further upstream and begin to find more access points for vac trucks. Workers will place more absorbent boom + pads on light sheen areas. Workers will begin to flush stream to a collection point with a vac truck.

Haynes stated they plan to remediate the soil on-site. Officials notified of the spill:

Tom Wyatt 405-823-9038 with Wildlife + Land Management, Dewayne ~~Mc~~ McBee 903-465-4990 with Corps of Engineers, Terrell Bolles with OCC, landowner Roger Hilton. DM

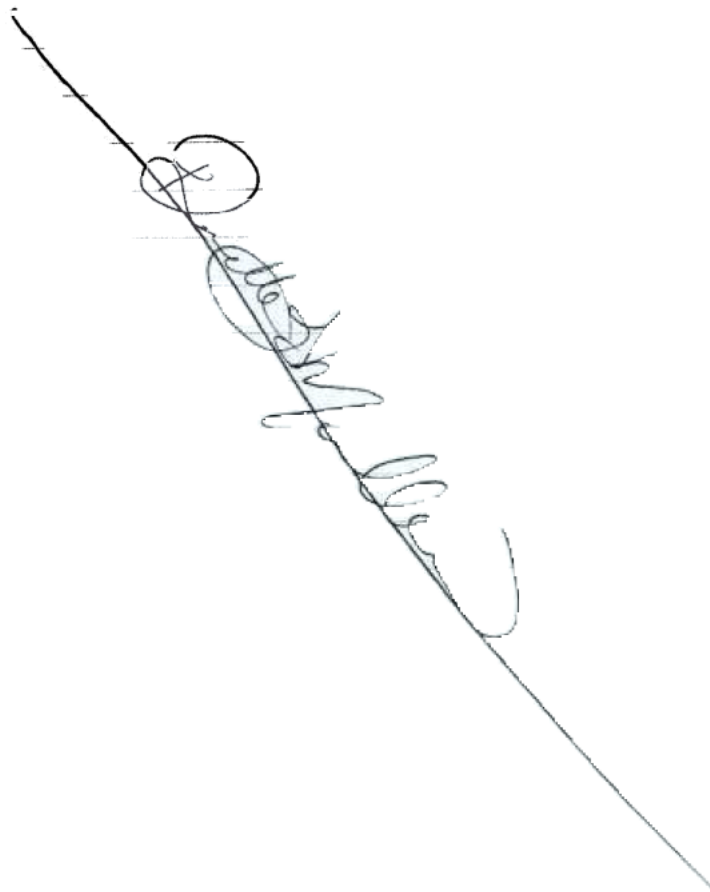
06-03-01-0001

01/01/03

Incident location: 33.95264 N/97.0245 W

1st boom location: 33.9493779/97.0244 W

Final boom location: 33.96799 N/96.99359 W



01/01/03

06-03-01-0001

Photo Log

Camera: RFW24918

Photo#	Date	P/W	Direction	Description	Time
101	01/01/03	HP/Dm	SE	Salt Creek w/ Final Boom location + Boats	0912
102	01/01/03	HP/Dm	SE	Boats used in Cleanup effort - On Salt Creek	0912
103	01/01/03	HP/Dm	SW	Final 2 boom locations on Salt Creek	0913
104			SW	Final 2 boom locations on Salt Creek	0913
105			N	Oil in Salt Creek	1109
106			SE	Boat used to place boom	1407
107			SW	Final boom location w/ Cleanup workers	1409
108			SW	Cleanup contractor at final boom location	1409
109			SW	Stock Pile of Absorbent boom	1440
110			S	Final Boom location on Salt Creek	1451
111			SW	2nd to last boom location on Salt Creek	1451
112			S	Closure of boom location on Salt Creek	1454
113			SE	Tank Battery with lease sign	1534
114			S	Tank Battery	1534
115			E	Tank Battery - Incident location	1535

P/W = Photographer / Witness = Heth Parnell / Danielle Miller

[Signature]

01/13/03

06-03-01-0001

1500hrs START-2 contacted Gary Haynes.

He stated they are still in the clean up process.

They have been washing the creek and using a vac truck at different collection points.

He estimated that approx 50-60 bbls total was spilled and they have collected approx 30-45 bbls so far -- this includes the soil and water.

The OCL gave them permission to spread the oily soil over nearby ~~comm~~ roads.

The oil has been sent to a lab and the results showed it is non-hazardous. So,

the waste they are collecting ~~is~~ collecting is being brought to a landfill owned by Waste Management Industry (WMI).

When there is only a sheen left on the water they are planning to use a type of peat moss caused sphag sabs to absorb the remaining oil. They will pick up some of the sabs and let the rest degrade. They have gotten permission from OSC Martin but still need to get approval from Fish + Wildlife. He stated he will keep in contact with START until the end of the clean up.

[Signature]

Attachment G

Copy of TDD No. 06-03-01-0001 and Amendment A



U.S. EPA Region 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

START2
Technical Direction Document

Roy F. Weston

TDD: 06-03-01-0001
Contract: 68-W-01-005

TDD - Signed by Tobin Osterberg/R6/USEPA/US on 01/06/2003 04:19:12 PM, according to Cheng Wei Feng/start6/rfw-start/us

Project/Site Name: Salt Creek Oil Spill
Project Address: Tributary of Lake Texoma
County: Love
City, State Zip: Marietta, Oklahoma

Period: Base Period
Verbal Date: 12/31/2002
Start Date:12/31/2002
Completion Date:03/15/2003
WorkArea: RESPONSE ACTIVITIES
Activity: Emergency Response
Section of SOW:II.B.1
FPN: E036Z2
Performance Based:No

Authorized TDD Ceiling:		Cost/Fee	LOE
	Previous Action(s):	\$0.00	(b) (4)
	This Action:	\$8,160.00	
	New Total:	\$8,160.00	

Specific Elements - Collect facts regarding the discharge or release to include its source and cause, - Identify potentially responsible parties, - Analyze the nature amount and location of discharged or released materials, - Analyze the potential impact on human health welfare and safety and the environment posed by the release of hazardous substances contaminants or pollutants and discharge of oil, - Observe and document federal state and private actions taken to conduct a response action

Description of Work:

This TDD is under work assignment 040.
Provide contractor monitoring; coordinate with State and Local Governments; provide photo documentation, maintain log book, brief OSC as necessary, and draft POLREP.
FPN E036Z2 NRC 633097
Contact OSC John Martin at 214-789-1994

Accounting and Appropriation Information

											SFO: 22
Line	DCN	IFMS	Budget/ FY	Appropriation Code	Budget Org Code	Program Element	Object Class	Site Project	Cost Org Code		Amount
1	LSR001	AJ7	02	HR	06LOX00	50203D	2505	0600	C001		\$8,160.00
Funding Summary:							Funding	Funding Category			
							Previous:	OPA Site Specific			
							This Action:				
							Total:				

Task Monitor Section

- Signed by Rena McClurg/R6/USEPA/US on 01/06/2003 04:05:30 PM, according to Cheng Wei Feng/start6/rfw-start/us

Task Monitor: Rena McClurg Date: 01/06/2003

Project Officer Section - Signed by Rena McClurg/R6/USEPA/US on 01/06/2003 04:05:30 PM, according to Cheng Wei Feng/start6/rfw-start/us

Project Officer: Rena McClurg Date: 01/06/2003

Contracting Officer Section - Signed by Tobin Osterberg/R6/USEPA/US on 01/06/2003 04:19:12 PM, according to Cheng Wei Feng/start6/rfw-start/us

Contracting Officer: Tobin Osterberg Date: 01/06/2003

Contractor Section



U.S. EPA Region 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

START2
Technical Direction Document

Roy F. Weston

TDD: 06-03-01-0001
Amendment: A
Contract: 68-W-01-005

TDD - Signed by Cora Stanley/R6/USEPA/US on 03/13/2003 04:21:18 PM, according to Cheng Wei Feng/start6/rfw-start/us

Project/Site Name: Salt Creek Oil Spill
Project Address: Tributary of Lake Texoma
County: Love
City, State Zip: Marietta, Oklahoma

Period: Base Period
Start Date:12/31/2002
Completion Date:05/15/2003
WorkArea: RESPONSE ACTIVITIES
Activity: Emergency Response
Performance Based:No

Authorized TDD Ceiling:		Cost/Fee	LOE
	Previous Action(s):	\$8,160.00	(b) (4)
	This Action:	\$0.00	
	New Total:	\$8,160.00	

Specific Elements - Collect facts regarding the discharge or release to include its source and cause, - Identify potentially responsible parties, - Analyze the nature amount and location of discharged or released materials, - Analyze the potential impact on human health welfare and safety and the environment posed by the release of hazardous substances contaminants or pollutants and discharge of oil, - Observe and document federal state and private actions taken to conduct a response action

Description of Work:
This TDD is under work assignment 040.

The purpose of Amendment A is to extend the Completion date from 3/15/03 to 5/15/03 at no increase in cost/fee or LOE due to administrative delays because of EPA OSC Shuttle Response work.

Provide contractor monitoring; coordinate with State and Local Governments; provide photo documentation, maintain log book, brief OSC as necessary, and draft POLREP.
FPN E036Z2 NRC 633097
Contact OSC John Martin at 214-789-1994

Accounting and Appropriation Information

										SFO: 22
Line	DCN	IFMS	Budget/ FY	Appropriation Code	Budget Org Code	Program Element	Object Class	Site Project	Cost Org Code	Amount
1	LSR001	AJ7	02	HR	06LOX00	50203D	2505	0600	C001	\$0.00
Funding Summary:							Funding	Funding Category		
							Previous:	OPA Site Specific		
							\$8,160.00			
							This Action:			
							\$0.00			
							Total:			
							\$8,160.00			

Task Monitor Section

- Signed by Rena McClurg/R6/USEPA/US on 03/12/2003 04:10:51 PM, according to Cheng Wei Feng/start6/rfw-start/us

Task Monitor: Rena McClurg Date: 03/12/2003

Project Officer Section - Signed by Rena McClurg/R6/USEPA/US on 03/12/2003 04:10:51 PM, according to Cheng Wei Feng/start6/rfw-start/us

Project Officer: Rena McClurg Date: 03/12/2003

Contracting Officer Section - Signed by Cora Stanley/R6/USEPA/US on 03/13/2003 04:21:18 PM, according to Cheng Wei Feng/start6/rfw-start/us

Contracting Officer: Cora Stanley Date: 03/13/2003

Contractor Section